

539,483

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



17 JUN 2005



(43) International Publication Date
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number
WO 2004/058782 A1

(51) International Patent Classification⁷: **C07F 9/6558**,
9/6512, A61K 31/675, A61P 35/00

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MORTLOCK, An-**
drew, Austen [GB/GB]; AstraZeneca R & D Alderley,
Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(21) International Application Number:
PCT/GB2003/005640

(22) International Filing Date:
22 December 2003 (22.12.2003)

(74) Agent: **ASTRAZENECA**; Global Intellectual Property,
P O Box 272, Mereside, Alderley Park, Macclesfield,
Cheshire SK10 4GR (GB).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02293240.4 24 December 2002 (24.12.2002) EP

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE,
BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ,
DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MK, MN, MW, MX,
MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, SY, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG,
UZ, VC, VN, YU, ZA, ZM, ZW only): **ASTRAZENECA**
AB [SE/SE]; Sodertalje, S-151 85 (SE).

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

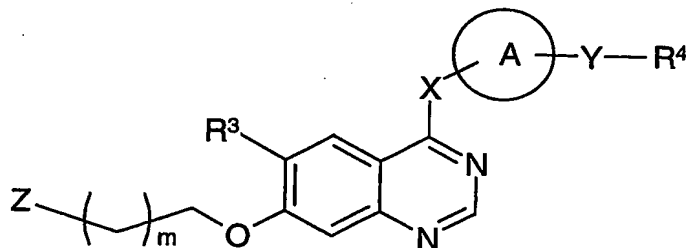
Published:

— with international search report

(71) Applicant (for MG only): **ASTRAZENECA UK LIM-**
ITED [GB/GB]; 15 Stanhope Gate, London, Greater Lon-
don W1K 1LN (GB).

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: THERAPEUTIC QUINAZOLINE DERIVATIVES



(57) Abstract: Quinazoline derivatives of formula (I): wherein A is 6-membered heteroaryl containing a nitrogen atom and option-
ally containing one or two further nitrogen atoms; compositions containing them, processes for their preparation and their use in
therapy.

WO 2004/058782 A1